LED Software Operation Manual

V3.2 and above Version

This manual is mainly targeted for LED systems integrators, manufacturers, end customers such as LED editorial management

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1 Software Runtime Environment

operating system：Windows98/ME/NT/2000/XP/Vista。

2 Software use

The software is a green software, no installation, copying, you can use! Copy “LED software.exe” on the CD-ROM to place the file directory, right-click, create a shortcut on the desktop, you can use! Installation. Do not need to use the LED software, simply delete "LED software" document will be OK !

3 Software Settings

This step is to set the LED screen parameters.

1>: Click "Pannel 1" ,you will see a button in the red frame! as shown in Figure 1

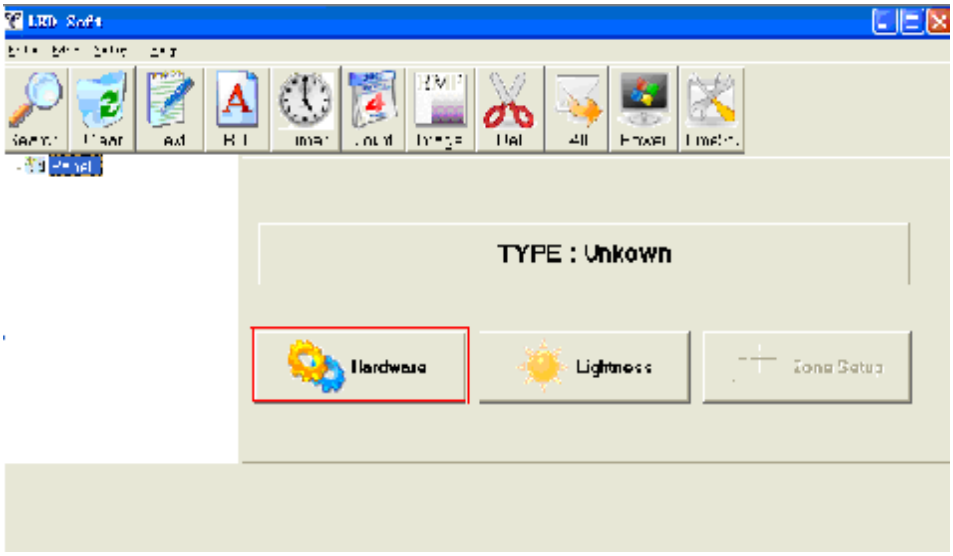

Figure 1 To enter "set screen parameter set"

2>: Click the “Hardware” button, will pop up a window ,shown in Figure 2, the "Panel settings" window, You can set the screen length and width, and color .

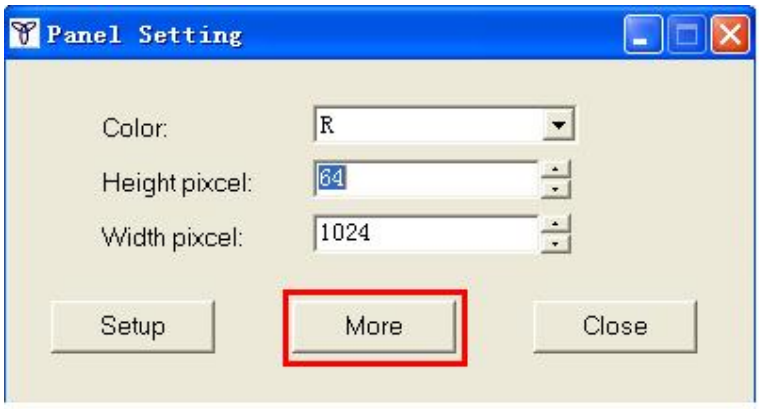

Figure 2 panel setting window

3>: Other screen parameter settings in the "More" button, click it, then pop up a dialog figure 3 : input the setting password "168", and display "Hardware Settings" dialog box shown in Figure 4.

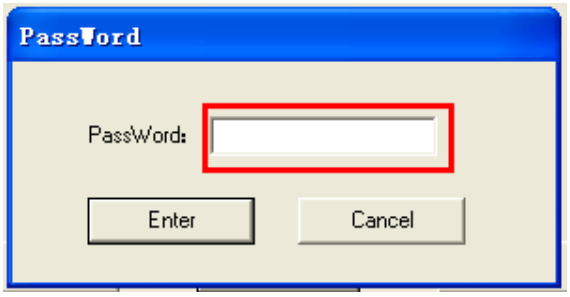

Figure 3 : Password windows

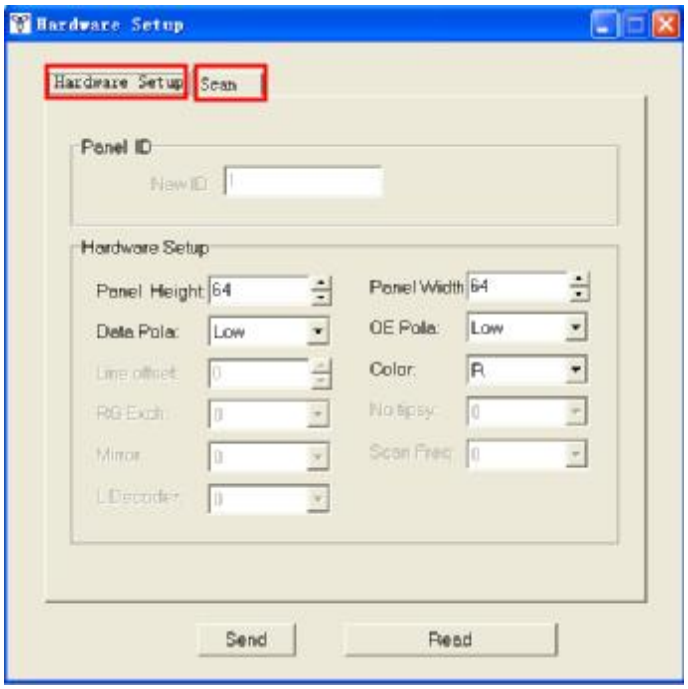

Figure 4 Hardware Setup window

4> In Figure 4, "Hardware Setup" dialog box,

You can set the parameter blow:

- The screen height, screen width: Set the actual screen pixels.
- Data Polarity: the same as display screen setting.
- OE Polarity: the same as display screen setting
- Color Type: R : single color
  RB: Two color

5>: Click "Scan" button, display a window to set the LED SCREEN scan mode.

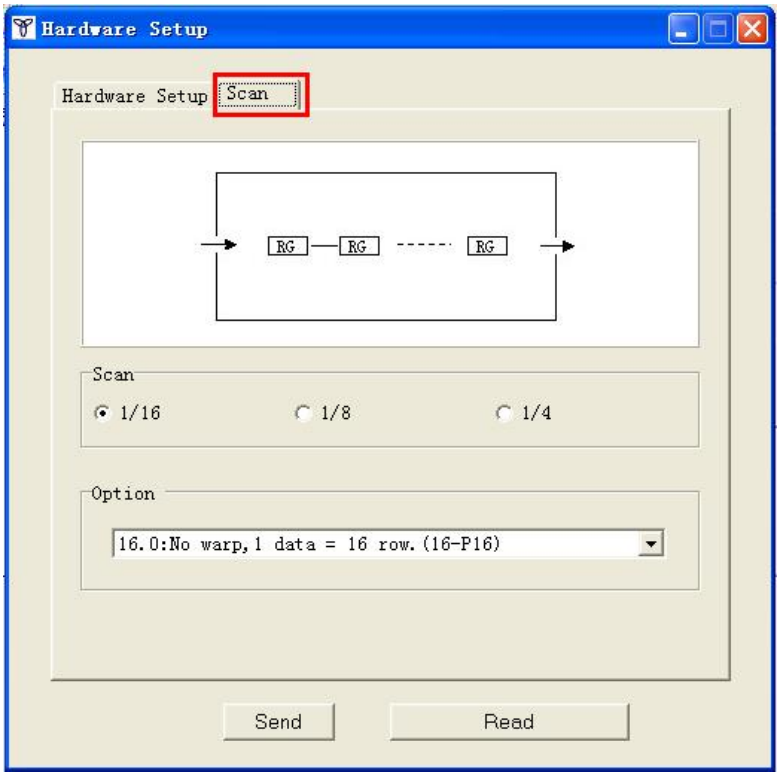

Figure 5 :Set scan mode

For indoor LED SCREEN indoor, the scan mode is 1/16 in general

For outdoor LED SCREEN and semi-indoor, the scan mode is 1/4 in general

4.1 or 4.3

For car LED SCREEN , the scan mode is 1/8 in general

6> communication settings

Devicewell LED control system have a function to auto search the LED screen.

To click the search button ,it can automatically find the control card, as shown in Figure 6!

Figure 6, find screen

If you have powered the LED screen and link the screen with computer, you will see the below figure 7 when you open “led software”.

Figure 7, Serach the LED control board

4. Software interface

4.1 Software Overview

Software during normal operation of the interface shown in Figure 8, mainly by the "Program List" area, "Properties" area, "Edit" zone, "preview window" four parts.

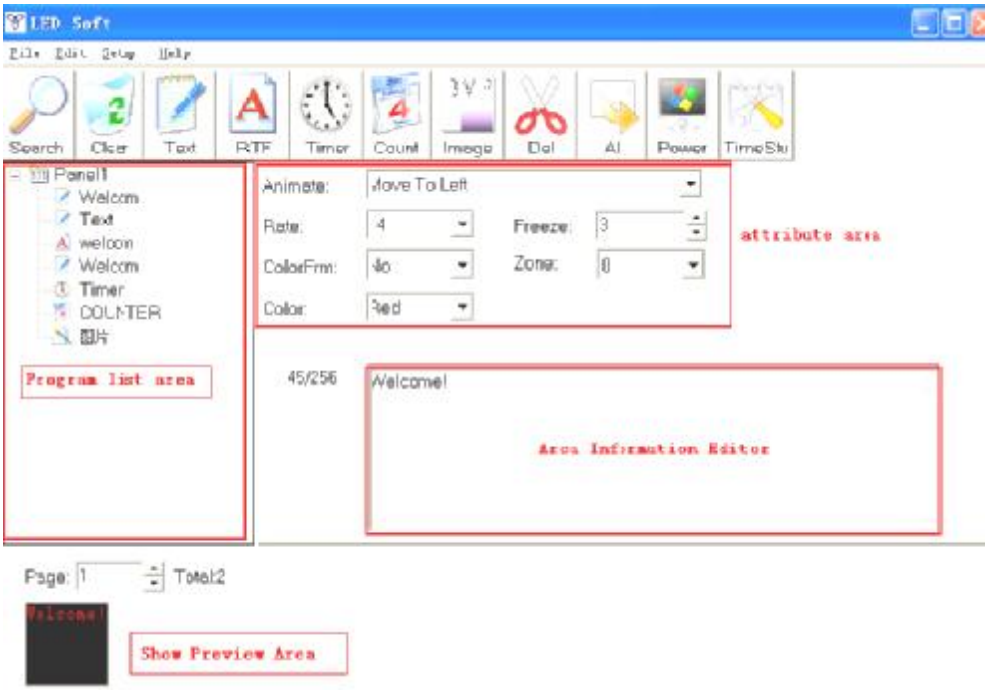

Figure 8 the software main interface.

4.2 Preview Window

LED software preview window is an important part of control software, which simulates the actual display basically the same as display effect

Preview: program editing is completed in preview window shows the effect of a single observation.

4.3 Attribute area

Shows the basic parameters of the every program.. Property area as shown in Figure 9 by the way animation, animation speed, stay time (Freeze), the border, belong to partition color components.

4.4 The main menu and toolbar:

Figure 8 shows

Figure 9, the main menu and toolbars

We may add five type progarm : Text program, RTF program, Clock program, Count program, image program, by clicking the different program button ,in the red frame.

5 Program List

We can use the software to save the program and the panel parameter. Through the menu "File "----" Save" or "Save As" to save settings and program edited to display information!

We can use the programs edit before , through the menu "File" - "Open" feature on the current program to restore programes for example figure 10

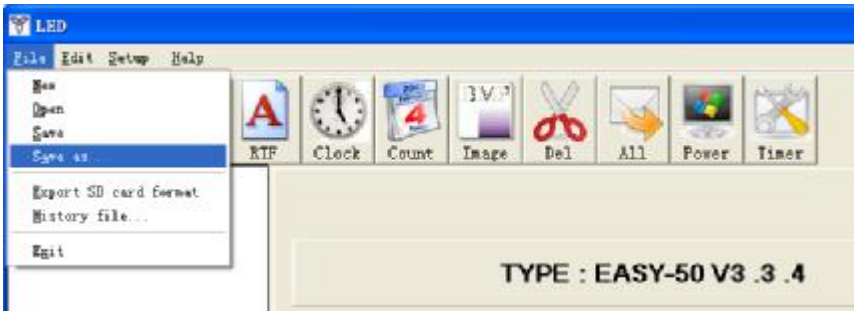

Figure 10 File save.and restore

5.1 New Program List

Objective: To clear the old program of the current screen , and build a new program single data.

Methods and steps: Click on the menu bar "File" - "New."

5.2 Export Program List

Objective: To export the current data of the edited screen to a single file (*. lcm).

Methods and steps:

1) Click on the menu bar "File" - "Save As", "Save."
2) In the pop-up "program for export to file" dialog box (Figure 11 below), choose to export position, and enter the program name alone can be!

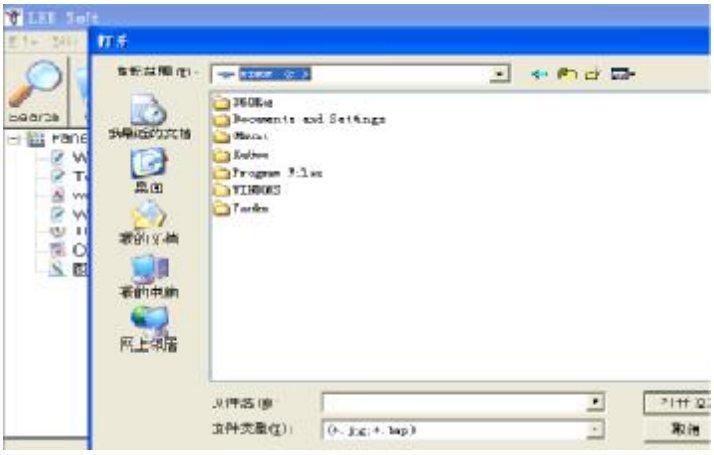

Figure 11, To save a program list file

5.3 Import Program

Objective: To import previously edited program list data

Methods and steps: Click on the menu bar "File" - "Import"

6 Programs type

We may add five type progarm : Text program, RTF program, Clock program, Count program, Image program, by clicking the different program button ,in the red frame.

Program for the left side of the console, you can add the program types. There are seven types: as shown in Figure 12.

Figure 12, Five program types

1> Text type, support the importation of Simplified, Traditional, English and many other fonts. Text encoding

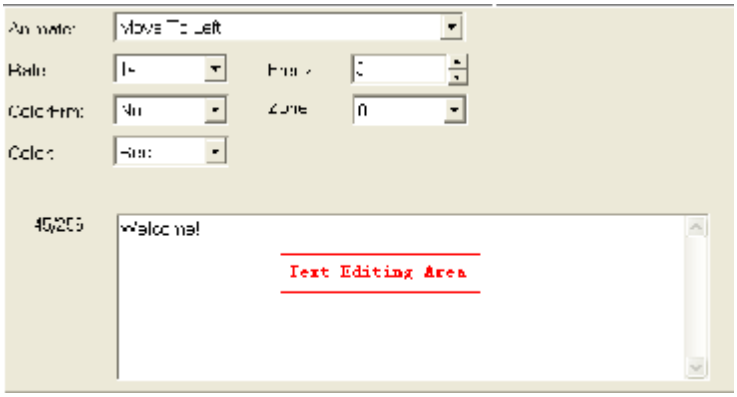

Figure 13, TXT program edit

2>. RTF: Hypertext model, in the RTF program, every charater can be set for font and body size, different color, and can be saved a separate program to maintain the hypertext documents for later use. You can input any languages (such as Korean, Arabic, etc.) that the Windows system supports.

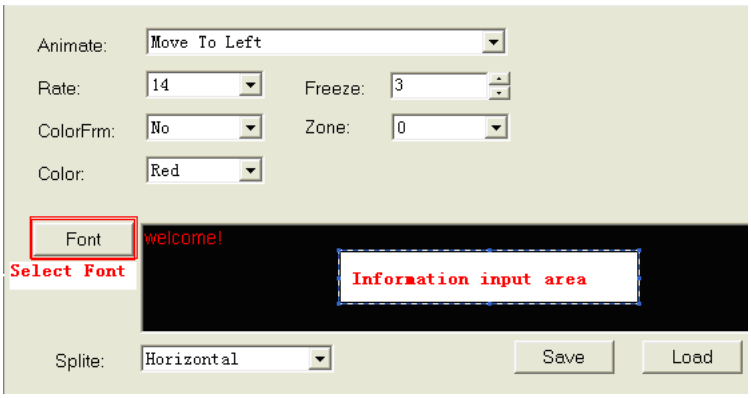

Figure 14, RTF program edit

3>. Image program, support bmp, jpeg and other image formats.

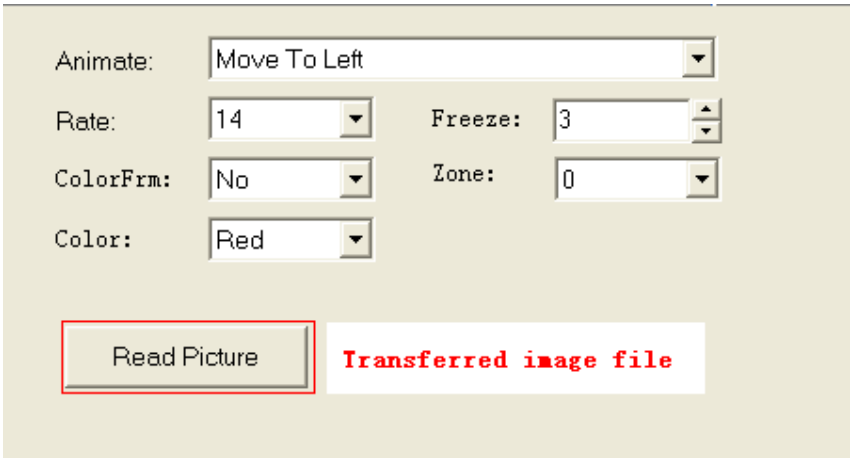

Figure 15, Image program edit

4>. Time program, digital real-time clock

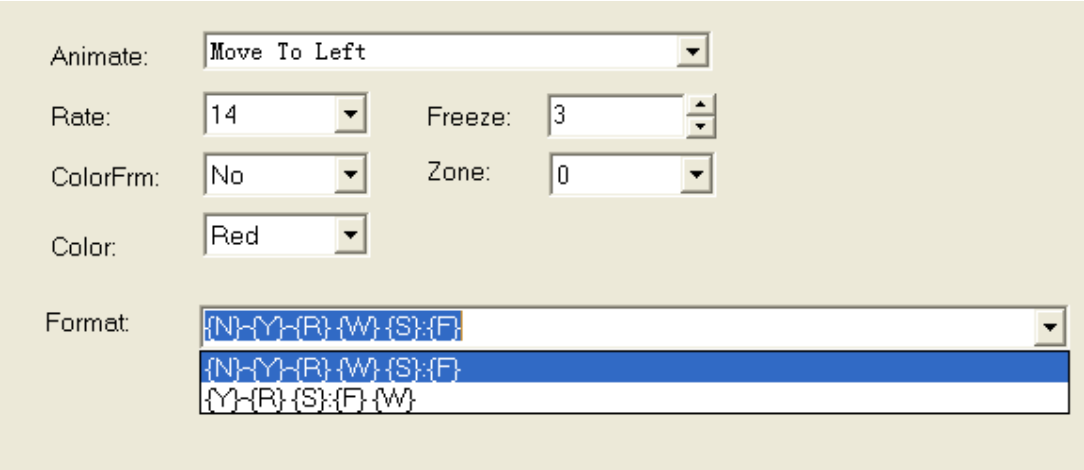

Figure 16, Clock program edit

5>. Countdown Show: The maximum time of 999 days..9999 days countdown to the greatest support; if the target time is greater than the current time for the countdown; otherwise positive timing, as shown in Figure 14:

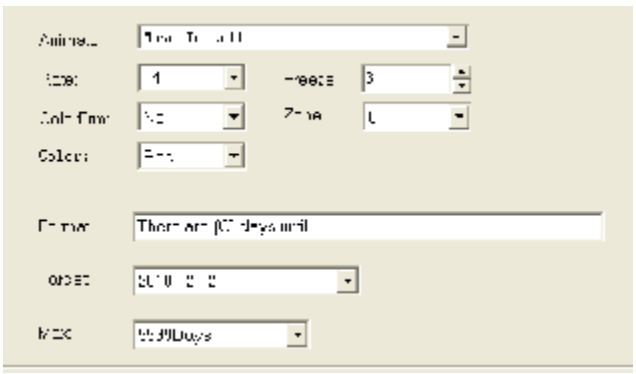

Figure 17: The countdown program edit

7 : Programs space

LED Control card save up to 80 different programs.

There is a indicator to display the left program space in the storage space on led card , see figure 18

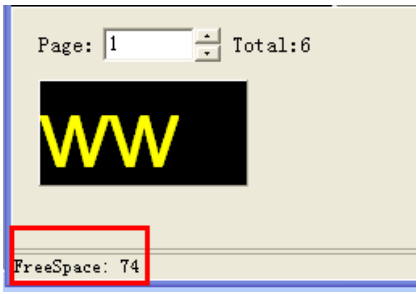

figure 18, left program indicator

8 Preview

Program editing is complete, you can preview in the preview window by clicking the up or down button show in Figure 19!

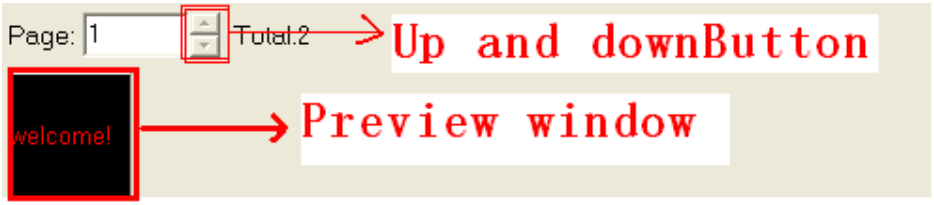

Figure 19, program preview

9 Program management

Method 1: In the console program for the left, select a program, click on the menu bar "Edit"

Under the menu "Add", "delete", "Move Up" or "Move Down" button, or use the quick button “del” to delete the program.

Method 2: Click on the corresponding tool on the toolbar button.

Method 3 (recommended): the direct use of right-click on the left side of the console program for a program, drop-down menu in the pop-up can be achieved fast processing, as shown in Figure 20.

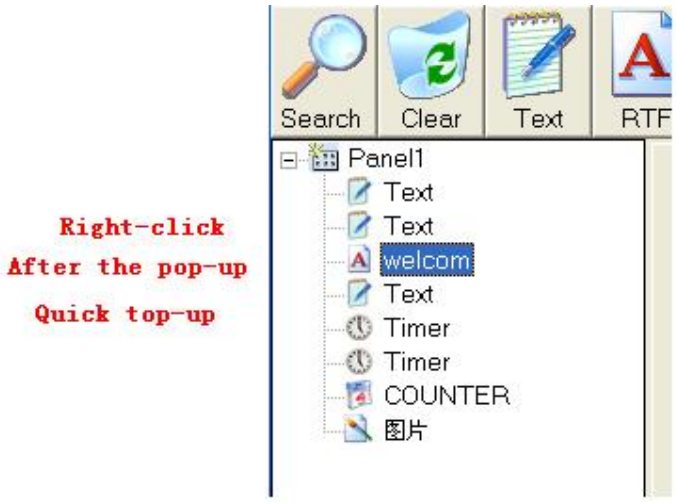

Figure 20, the shortcut menu

Another way to remove the programs from the program list ,click the program ,and click the “del” button, shown in Figure 21.

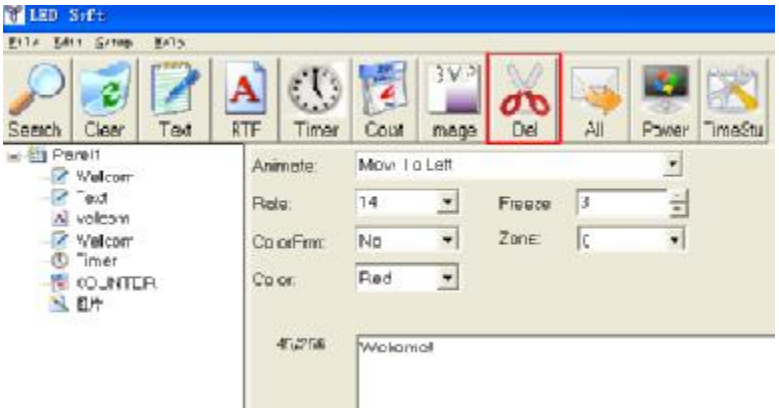

Figure 21 Delete Information button

Click "Delete Information" button,then the dialog box in Figure 22. Click to "confirm " ,then it will be ok.

Figure 22, remove the information dialog box

Click the down button to preview and display the current editing screen display of the various

programs!

10 To send program data

After editing and preview programs, we need send the program send to LED screen. Please click the button in the red frame such as figure 23.

figure 23 send program button